

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF:

Harley, et al.

APPLICATION No.: 10/563,533

FILED: December 23, 2005

FOR: **FORMULATIONS CONTAINING  
ASTRAGALUS EXTRACTS AND USES  
THEREOF**

EXAMINER: Unassigned

ART UNIT: Unassigned

CONF. No: 8436

**Power of Attorney by Assignee and Certification**  
**Under 37 C.F.R. § 3.73(b)**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, the undersigned, acting on behalf of the Assignee of the entire right, title and interest in the above-identified patent application, by virtue of three Assignments recorded at Reel/Frame 017926/0957, 017926/0889, and 017926/0924 on 07/13/2006 in the U.S. Patent and Trademark Office, appoint the attorneys and agents associated with the Customer No. 22918, Perkins Coie LLP to prosecute and transact all business in the Patent and Trademark Office connected herewith. All prior powers of attorney for this application are hereby revoked.

This appointment is to the exclusion of the inventor(s) and their attorney(s) and agent(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Direct all telephone calls to LeeAnn Gorthey at (503) 727-2116. Address all correspondence to:

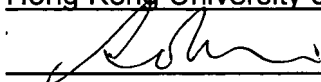
Customer No. 22918  
Perkins Coie LLP  
P.O. Box 2168  
Menlo Park, California 94026

In accordance with 37 C.F.R. § 3.73(b), I hereby certify that I am empowered to act on behalf of the Assignee. To the best of my knowledge and belief, title is in the Assignee, as evidenced by the Assignment noted above.

I further declare that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, USC § 1001 and that such willful false statements may jeopardize the validity of this application or any patent resulting therefrom.

ASSIGNEE: Hong Kong University of Science and Technology

Signature:



Typed Name:

Prof Roland T Chin

Title:

Vice President (Research & Development)

Date:

2006 July 18

Address:

Clear Water Bay, Kowloon, Hong Kong



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JULY 13, 2006

DAVID J. EARP  
230 CONSTITUTION DRIVE  
MENLO PARK, CA 94025

PTAS **RECEIVED \*500125278A\***

\*500125278A\* GERON IP GROUP

JUL 14 2006

JUL 17 2006

GERON CORPORATION  
PATENT DEPARTMENT

**DOCKETED**

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 07/13/2006

REEL/FRAME: 017926/0957  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 500/001X G TO HK

ASSIGNOR:  
GERON CORPORATION

DOC DATE: 10/17/2003

ASSIGNEE:  
HONG KONG UNIVERSITY OF SCIENCE  
AND TECHNOLOGY  
CLEAR WATER BAY  
KOWLOON, HONG KONG

SERIAL NUMBER: 60483372

FILING DATE: 06/27/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: FORMULATIONS CONTAINING ASTRAGALUS EXTRACTS AND USES THEREOF

P.O. Box 1450, Alexandria, Virginia 22313-1450 - www.USPTO.gov

017926/0957 PAGE 2

ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

## ASSIGNMENT

This is an assignment by GERON CORPORATION, a Delaware corporation having a principal place of business at 230 Constitution Drive, Menlo Park, California 94025 USA ("GERON"), in favor of HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY, having a principal place of business at Clear Water Bay, Kowloon, Hong Kong ("HKUST").

Whereas GERON holds rights in the following patent application:

<i>Patent Application No.</i>	<i>Title</i>	<i>Filing Date</i>
U.S. Provisional Patent Application Serial No. 60/483,372	FORMULATIONS CONTAINING ASTRAGALUS EXTRACTS AND USES THEREOF	27 June 2003

Pursuant to an agreement between GERON and HKUST, and for good and valuable consideration, receipt of which is hereby acknowledged, GERON hereby assigns to HKUST, its successors and assigns, the entire right, title and interest held by GERON, including the right of priority in, to and under the patent application.

Further, and for the above consideration, we agree promptly upon request of GERON, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, or other papers which may be necessary or desirable fully to secure to GERON, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto. We further agree to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of any patent for said inventions, provided the expenses which may be incurred in lending such cooperation and assistance are paid by GERON.

SUBSCRIBED for and on behalf of  
GERON CORPORATION by

.....*David J. Earp*.....  
Authorised Signatory, at  
.....*Menlo Park, Ca*.....  
on .....*October 17*....., 2003

before the following Witness:

.....*Baron Makhovsky*..... Witness  
.....*Baron Makhovsky*..... Full Name  
.....*230 Constitution Dr.*..... Address  
.....*Menlo Park, Ca 94025*.....

.....*DJE*.....  
For and on behalf of GERON CORPORATION

Agreed and accepted by HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY,

SUBSCRIBED for and on behalf of  
HONG KONG UNIVERSITY OF  
SCIENCE AND TECHNOLOGY by

.....  
Authorised Signatory, at

**HKUST**

on 11 OCT. 2002....., 2003

before the following Witness:



..... Witness

..... Full Name

**TONY R. EASTHAM**

..... Address

**Assoc. Vice President, R&D**

..... **HKUST**.....



.....  
For and on behalf of HONG KONG  
UNIVERSITY OF SCIENCE AND TECHNOLOGY



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JULY 13, 2006

DAVID J. EARP  
230 CONSTITUTION DRIVE  
MENLO PARK, CA 94025

PTAS GERON IP GROUP

**500125269A\***

JUL 17 2006

\*500125269A\*

**RECEIVED**

**DOCKETED**

JUL 14 2006

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

GERON CORPORATION  
PATENT DEPARTMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 07/13/2006

REEL/FRAME: 017926/0889  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 500-510-511/001X HK TO HK

**ASSIGNOR:**

IP, NANCY YUK-YU

DOC DATE: 10/09/2003

**ASSIGNOR:**

WONG, YUNG-HOU

DOC DATE: 10/09/2003

**ASSIGNOR:**

MILLER-MARTINI, DAVID M.

DOC DATE: 10/09/2003

**ASSIGNEE:**

HONG KONG UNIVERSITY OF SCIENCE  
AND TECHNOLOGY  
CLEAR WATER BAY  
KOWLOON, HONG KONG

P.O. Box 1450, Alexandria, Virginia 22313-1450 - www.uspto.gov

017926/0889 PAGE 2

SERIAL NUMBER: 60483372 FILING DATE: 06/27/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: FORMULATIONS CONTAINING ASTRAGALUS EXTRACTS AND USES THEREOF

SERIAL NUMBER: 60480988 FILING DATE: 06/23/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: COMPOSITIONS AND METHODS FOR INCREASING TELOMERASE ACTIVITY

SERIAL NUMBER: 60482630 FILING DATE: 06/25/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: COMPOSITIONS AND METHODS FOR SKIN CONDITIONING

ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION



**ASSIGNMENT**

Whereas we, Nancy Yuk-yu Ip, Yung-hou Wong, David M. Miller-Martini

executed employment agreements with HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY (hereinafter called HKUST), having a principal place of business at Clear Water Bay, Kowloon, Hong Kong, whereby we have agreed to assign to HKUST all inventions (except as otherwise limited by law) which relate to HKUST business and which were first conceived or actually reduced to practice during our employment by HKUST;

Now, therefor, pursuant to the terms of said employment agreements and for good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto HKUST, its successors and assigns, the entire right, title and interest, including the right of priority in, to and under a provisional application for Patent of the United States entitled:

**FORMULATIONS CONTAINING ASTRAGALUS EXTRACTS AND USES THEREOF**

Serial No. 60/483,372 filed on 27 June 2003 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, we agree promptly upon request of HKUST, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to HKUST, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by HKUST.

In witness whereof, we hereunto set our hands and seal:

Inventor's  
Signature:

Nancy Ip  
Nancy Yuk-yu Ip

Date: Oct 9, 2003

Inventor's  
Signature:

Yung-hou Wong  
Yung-hou Wong

Date: Oct 9, 2003

Inventor's  
Signature:

David M. Miller-Martini  
David M. Miller-Martini

Date: Oct 9, 2003



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JULY 13, 2006

DAVID J. EARP  
230 CONSTITUTION DRIVE  
MENLO PARK, CA 94025

PTAS

**RECEIVED 500125273A\***

\*500125273A\*

JUL 14 2006

**GERON IP GROUP**

GERON CORPORATION  
PATENT DEPARTMENT

JUL 17 2006

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

**DOCKETED**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 07/13/2006

REEL/FRAME: 017926/0924  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 500/001X G INV TO G

**ASSIGNOR:**

HARLEY, CALVIN B.

DOC DATE: 06/01/2004

**ASSIGNOR:**

CHIN, ALLISON C.

DOC DATE: 05/19/2004

**ASSIGNEE:**

GERON CORPORATION  
230 CONSTITUTION DRIVE  
MENLO PARK, CALIFORNIA 94025

SERIAL NUMBER: 60483372

FILING DATE: 06/27/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: FORMULATIONS CONTAINING ASTRAGALUS EXTRACTS AND USES THEREOF

P.O. Box 1450, Alexandria, Virginia 22313-1450 - www.uspto.gov

017926/0924 PAGE 2

ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

Received 13-Jul-2006 11:37am

From-RightFax

To-GERON CORP IP

Page 003

## ASSIGNMENT

Whereas we, Calvin B. Harley, Allison C. Chin

executed employment agreements with GERON CORPORATION (hereinafter called GERON), a Delaware Corporation having its principal place of business at 230 Constitution Drive, Menlo Park, CA 94025, whereby we have agreed to assign to GERON all inventions (except as otherwise limited by law) which relate to GERON business and which were first conceived or actually reduced to practice during our employment by GERON;

Now, therefor, pursuant to the terms of said employment agreements and for good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto GERON, its successors and assigns, the entire right, title and interest, including the right of priority in, to and under a provisional application for Patent of the United States entitled:

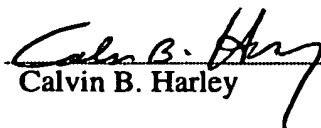
### FORMULATIONS CONTAINING ASTRAGALUS EXTRACTS AND USES THEREOF

Serial No. 60/483,372 filed on 27 June 2003 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, we agree promptly upon request of GERON, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, or other papers which may be necessary or desirable fully to secure to GERON, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto. We further agree to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of any patent for said inventions, provided the expenses which may be incurred in lending such cooperation and assistance are paid by GERON.

In witness whereof, we hereunto set our hands and seal:

Inventor's  
Signature:

  
Calvin B. Harley

Date:

2004 JUNE - 1

Inventor's  
Signature:

  
Allison C. Chin

Date:

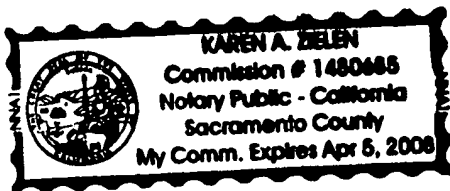
19-May-2004

State of California

County of San Mateo

} ss.

On June 1, 2004 before me, Karen A. Zielen, Notary Public personally appeared Calvin B. Harley personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, executed the instrument.



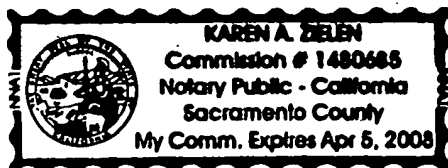
Karen A. Zielen

State of California

County of San Mateo

} ss.

On May 19, 2004 before me, Karen A. Zielen, Notary Public personally appeared Allison C. Chin personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, executed the instrument.



Karen A. Zielen